

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:	Group Art Unit: 3746
Karl-Ernst Hummel et al.	Examiner: Patrick Hamo
Serial No.: 10/578,187	Confirmation No.: 8422
Filed: 05/01/2007	
For:	NON-POSITIVE-DISPLACEMENT MACHINE COMPRISING A SPIRAL CHANNEL PROVIDED IN THE HOUSING MIDDLE PART
Attorney Docket No.: 2190/US, formerly: 037141.57706US	

**REPLY UNDER 37 C.F.R. § 1.116**

Commissioner for Patents  
United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

In response to the Office Action of January 5, 2011, please consider the applicants' amendments remarks and arguments responsive to the claim rejections raised by the Examiner.

**Listing of Claims** begins on page 2 of this paper.

**Remarks/Arguments** begin on page 6 of this paper.